



MI-CW1807

Michigan Crop Weather

May 7, 2007

Drier Conditions

Five days were suitable for fieldwork during the week ending May 6, according to the USDA, NASS, Michigan Field Office. Precipitation amounts ranged from none in the eastern Upper Peninsula to 1.12 inches in the west central Lower Peninsula. Average temperatures ranged from 1 degree below normal in the east central Lower Peninsula to 4 degrees above normal in the western Upper Peninsula and in the west central and southwest Lower Peninsula. The drier weather allowed for farmers to make progress on their field activities. A farmer in the Upper Peninsula mentioned that, "Pastures have greened up and growth is about a week ahead of normal." Another farmer in the east central said that, "Some growers were probably working on soils that were a little wet, but a lot got planted. Winds were too high to attempt any spraying."

Field Crops

Scattered rain showers slowed field activities as planting progressed across the State. **Corn** planting continued as top priority on select dry fields. **Soybean** planting continued on a limited basis. **Oat** planting neared completion. **Winter wheat** crops continued to progress well in most fields, but farmers considered converting some poor fields to another crop. **Alfalfa** growth looked very good. **Sugarbeet** planting continued with some emergence from early plantings.

Fruit

A few warm days and precipitation last week stimulated fruit crop development. **Apples** were blooming in the southwest and southeast. In the central areas, apples were at early pink to open cluster. Apples were at tight cluster in the northwest. Weather conditions provided for a heavy apple scab infection period. **Blueberries** ranged from half-inch green to pink. Reporters indicated a heavy set of fruit buds in the southwest. **Peaches** were blooming. **Pear** development ranged from bloom to petal fall. **Plums** were beginning to bloom in the northwest and were in the shuck in the southwest. **Sweet and tart cherries** ranged from bud burst in the northwest to petal fall in the south. **Grape** growers were finishing pruning for the year. Chardonnay grapes in the northwest were at early bud swell. In the southeast and southwest, Concord grapes were at bud burst. Vinifera grapes were at late swell in the southwest, where a heavy flight of grape berry moth was observed.

Vegetables

Precipitation early in the week hindered field activities as vegetable growers continued to plant a variety of crops throughout the State. **Carrot** planting continued where weather permitted. Rapid germination of carrot seeds made it difficult to apply pre-emergent herbicides. **Asparagus** harvest began on a limited basis. **Celery** planting continued on schedule. Early planted **cabbage** was getting established. **Potato** planting continued. **Sweet corn** planting continued. In the southwest, **tomatoes, yellow squash, zucchini, and cucumbers** were planted in low tunnels.

Soil moisture for week ending 05/06/07

| Stratum | Very short | Short | Adequate | Surplus |
|---------|------------|---------|----------|---------|
| | Percent | Percent | Percent | Percent |
| Topsoil | 2 | 4 | 75 | 19 |
| Subsoil | 1 | 6 | 77 | 16 |

Crop condition for week ending 05/06/07

| Crop | Very poor | Poor | Fair | Good | Excellent |
|--------------|-----------|---------|---------|---------|-----------|
| | Percent | Percent | Percent | Percent | Percent |
| Pasture | 4 | 4 | 27 | 47 | 18 |
| Winter Wheat | 1 | 5 | 26 | 50 | 18 |

Crop progress for week ending 05/06/07

| Crop | This week | Last week | Last year | 5-year average |
|----------------------|-----------|-----------|-----------|----------------|
| | Percent | Percent | Percent | Percent |
| Asparagus, harvested | 5 | 0 | 24 | 13 |
| Barley, planted | 39 | 18 | 67 | 55 |
| Barley, emerged | 9 | 0 | 33 | 26 |
| Corn, planted | 31 | 9 | 58 | 42 |
| Corn, emerged | 1 | 0 | 5 | 3 |
| Oats, planted | 71 | 57 | 86 | 79 |
| Oats, emerged | 30 | 13 | 63 | 47 |
| Potatoes, planted | 25 | 21 | 40 | 28 |
| Potatoes, emerged | 2 | 0 | 3 | NA |
| Soybeans, planted | 7 | 2 | 23 | 15 |
| Sugarbeets, planted | 88 | 75 | 95 | 95 |

Michigan Weather Summary for Week Ending 05/06/07¹

| Station | Temperature | | | Cumulative growing degree days ² | | | Precipitation | | | | | |
|----------------------|-------------|-----------|-----------------------|---|------------|--------|---------------|----------------|-----------------|---------------|--------|------|
| | Maximum | Minimum | Departure from normal | 2007 | 2006 | Normal | This week | Last two weeks | Last four weeks | Since April 1 | Normal | |
| | | | | | | | | | Since April 1 | For month | | |
| Ironwood | 72 | 39 | 4 | 153 | 189 | 107 | 0.01 | 0.05 | 0.64 | 2.22 | 2.87 | 3.37 |
| Marquette | 70 | 29 | | 119 | 153 | | 0.02 | 0.10 | 1.67 | 5.04 | | |
| Stephenson | 68 | 33 | | 155 | 203 | | 0.01 | 0.09 | 0.42 | 1.52 | | |
| Western UP | 72 | 29 | | 139 | 157 | | 0.01 | 0.05 | 0.64 | 2.04 | | |
| Cornell | 65 | 32 | 3 | 141 | 184 | 57 | 0.00 | 0.43 | 0.74 | 1.12 | 3.07 | 3.01 |
| Sault St Marie | 66 | 33 | | 126 | 135 | | 0.00 | 0.28 | 0.56 | 1.61 | | |
| Eastern UP | 69 | 26 | | 121 | 159 | | 0.00 | 0.33 | 1.02 | 2.80 | | |
| Beulah | 75 | 37 | 2 | 164 | 229 | 133 | 0.29 | 1.31 | 2.29 | 2.95 | 3.24 | 2.61 |
| Lake City | 67 | 32 | | 136 | 207 | | 0.24 | 1.28 | 2.04 | 3.33 | | |
| Old Mission | 72 | 33 | | 135 | 195 | | 0.14 | 0.73 | 1.07 | 1.45 | | |
| Pellston | 71 | 24 | | 158 | 190 | | 0.00 | 0.52 | 0.81 | 1.38 | | |
| Northwest | 75 | 24 | 1 | 142 | 195 | 120 | 0.18 | 0.97 | 1.49 | 2.21 | 3.15 | 2.76 |
| Alpena | 64 | 28 | | 134 | 170 | | 0.25 | 1.72 | 2.65 | 3.81 | | |
| Houghton Lake | 67 | 32 | | 151 | 213 | | 0.10 | 1.60 | 2.09 | 3.14 | | |
| Rogers City | 66 | 29 | | 142 | 169 | | 0.08 | 1.23 | 1.89 | 2.87 | | |
| Northeast | 69 | 23 | 4 | 147 | 198 | 120 | 0.10 | 1.32 | 2.09 | 3.18 | 3.66 | 2.67 |
| Fremont | 70 | 40 | | 177 | 228 | | 1.13 | 2.19 | 2.78 | 5.61 | | |
| Hart | 71 | 40 | | 169 | 210 | | 1.11 | 2.10 | 2.42 | 3.63 | | |
| Muskegon | 73 | 42 | | 173 | 210 | | 0.74 | 1.63 | 2.46 | 4.37 | | |
| West Central | 74 | 33 | 2 | 173 | 224 | 162 | 1.12 | 2.01 | 5.76 | 7.65 | 3.69 | 2.79 |
| Alma | 73 | 40 | | 188 | 263 | | 1.20 | 2.06 | 2.36 | 3.81 | | |
| Big Rapids | 72 | 37 | | 164 | 251 | | 0.99 | 1.29 | 2.07 | 2.87 | | |
| Central | 73 | 37 | | 173 | 250 | | 1.02 | 1.59 | 2.12 | 3.48 | | |
| Bad Axe | 67 | 37 | -1 | 135 | 207 | 170 | 0.03 | 0.92 | 1.85 | 2.89 | 3.08 | 2.63 |
| Pigeon | 69 | 37 | | 132 | 207 | | 0.11 | 1.04 | 1.92 | 2.87 | | |
| Saginaw | 70 | 39 | | 171 | 224 | | 0.42 | 1.23 | 2.21 | 3.44 | | |
| Standish | 67 | 32 | | 159 | 232 | | 0.21 | 1.32 | 2.55 | 3.79 | | |
| East Central | 71 | 32 | 4 | 143 | 223 | 170 | 0.33 | 1.21 | 2.12 | 3.29 | 3.83 | 3.01 |
| Fennville | 76 | 44 | | 188 | 222 | | 0.37 | 2.18 | 3.04 | 4.31 | | |
| Grand Rapids | 72 | 42 | | 196 | 248 | | 0.88 | 1.89 | 2.62 | 4.25 | | |
| Holland | 75 | 40 | | 224 | 243 | | 0.50 | 2.62 | 3.37 | 4.91 | | |
| South Bend, IN | 85 | 48 | 2 | 252 | 275 | 203 | 0.03 | 3.07 | 4.11 | 4.48 | 3.59 | 2.92 |
| Watervliet | 74 | 44 | | 209 | 253 | | 0.34 | 2.14 | 2.92 | 3.96 | | |
| Southwest | 85 | 33 | | 211 | 250 | | 0.43 | 2.23 | 3.07 | 4.24 | 3.63 | 2.85 |
| Belding | 71 | 39 | | 175 | 234 | | 0.59 | 1.19 | 2.01 | 3.60 | | |
| Coldwater | 71 | 40 | 2 | 195 | 242 | 203 | 0.51 | 1.79 | 2.60 | 3.35 | 3.83 | 3.01 |
| Lansing | 70 | 36 | | 187 | 250 | | 0.64 | 2.04 | 2.86 | 3.31 | | |
| South Central | 86 | 36 | | 192 | 264 | | 0.61 | 1.89 | 2.78 | 3.65 | | |
| Detroit | 70 | 44 | 2 | 218 | 280 | 189 | 0.91 | 2.11 | 2.85 | 2.88 | 3.63 | 2.85 |
| Flint | 70 | 38 | | 187 | 232 | | 0.98 | 1.87 | 2.50 | 3.08 | | |
| Romeo | 69 | 36 | | 181 | 243 | | 0.96 | 2.23 | 2.97 | 3.19 | | |
| Tipton | 72 | 44 | | 212 | 273 | | 0.08 | 1.91 | 2.78 | 2.91 | | |
| Toledo, OH | 76 | 43 | 2 | 227 | 312 | 189 | 0.33 | 2.75 | 3.61 | 3.64 | 3.63 | 2.85 |
| Southeast | 76 | 36 | | 198 | 273 | | 0.54 | 1.88 | 2.59 | 2.79 | | |

¹ Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University's Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

² Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.